LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130298.D
Acq On : 16 Sep 2022 19:23
Operator : CG\JU
Sample : N4656-31
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130298.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.857	467	471	482	rVB	334426	469010	14.10%	2.451%
2	5.275	536	542	545	rBV	2448637	2527433	76.01%	13.207%
3	6.304	711	717	720	rBV	2542126	2652106	79.76%	13.858%
4	6.669	775	779	782	rVB	649680	549098	16.51%	2.869%
5	7.233	870	875	878	rBV	1854016	1759897	52.93%	9.196%
6	7.863	979	982	992	rBV	194300	317312	9.54%	1.658%
7	7.945	992	996	1000	rVB	796898	749188	22.53%	3.915%
8	9.027	1174	1180	1183	rBV	3963805	3325158	100.00%	17.375%
9	9.698	1289	1294	1297	rBV	1000272	813174	24.46%	4.249%
10	10.480	1423	1427	1430	rBV	1739854	1454451	43.74%	7.600%
11	11.174	1541	1545	1548	rBV	990458	762230	22.92%	3.983%
12	11.580	1610	1614	1617	rBV	99629	75802	2.28%	0.396%
13	12.286	1728	1734	1738	rBV	90319	76339	2.30%	0.399%
14	12.763	1811	1815	1818	rBV	3026271	2606260	78.38%	13.619%
15	13.804	1988	1992	1995	rBV	455433	417432	12.55%	2.181%
16	15.192	2223	2228	2233	rBV	411621	453877	13.65%	2.372%
17	15.633	2298	2303	2307	rBV	29783	40063	1.20%	0.209%
18	16.086	2374	2380	2391	rBV3	24459	50283	1.51%	0.263%
19	16.621	2465	2471	2477	rBV5	17843	38227	1.15%	0.200%

Sum of corrected areas: 19137340

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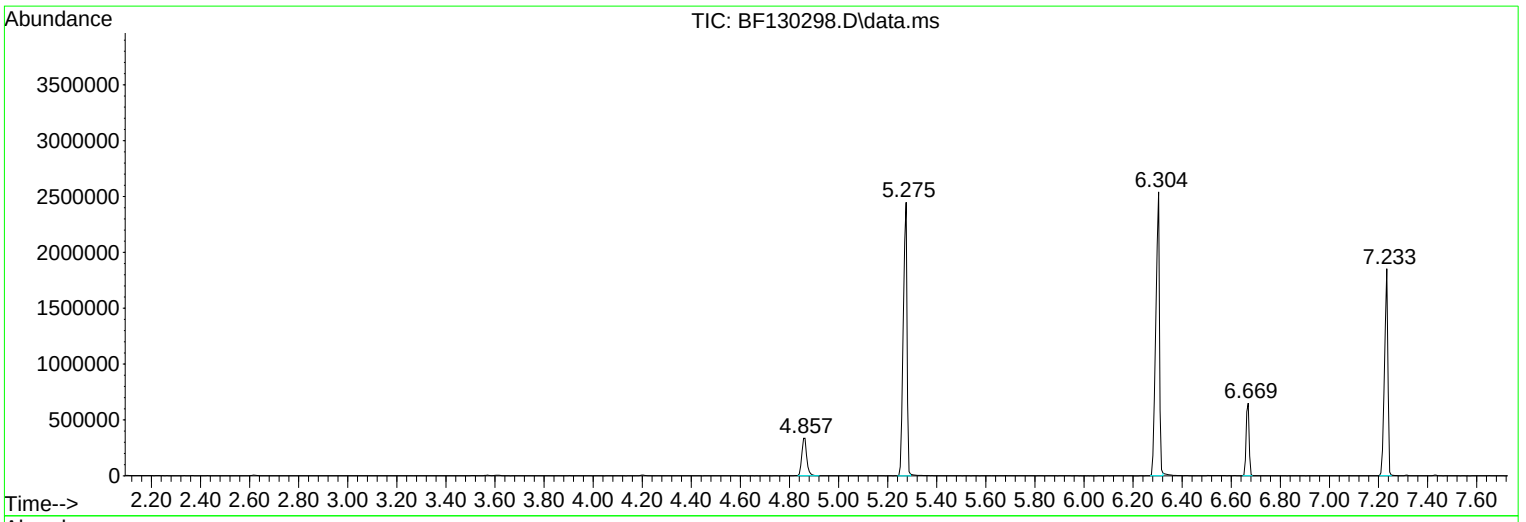
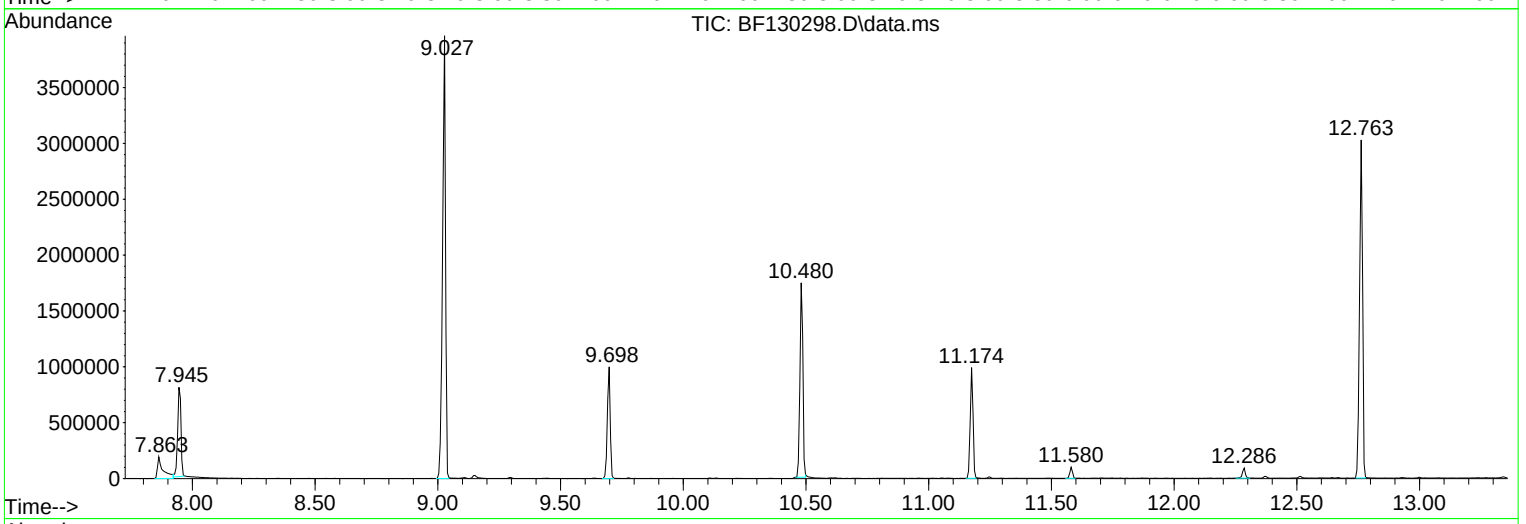
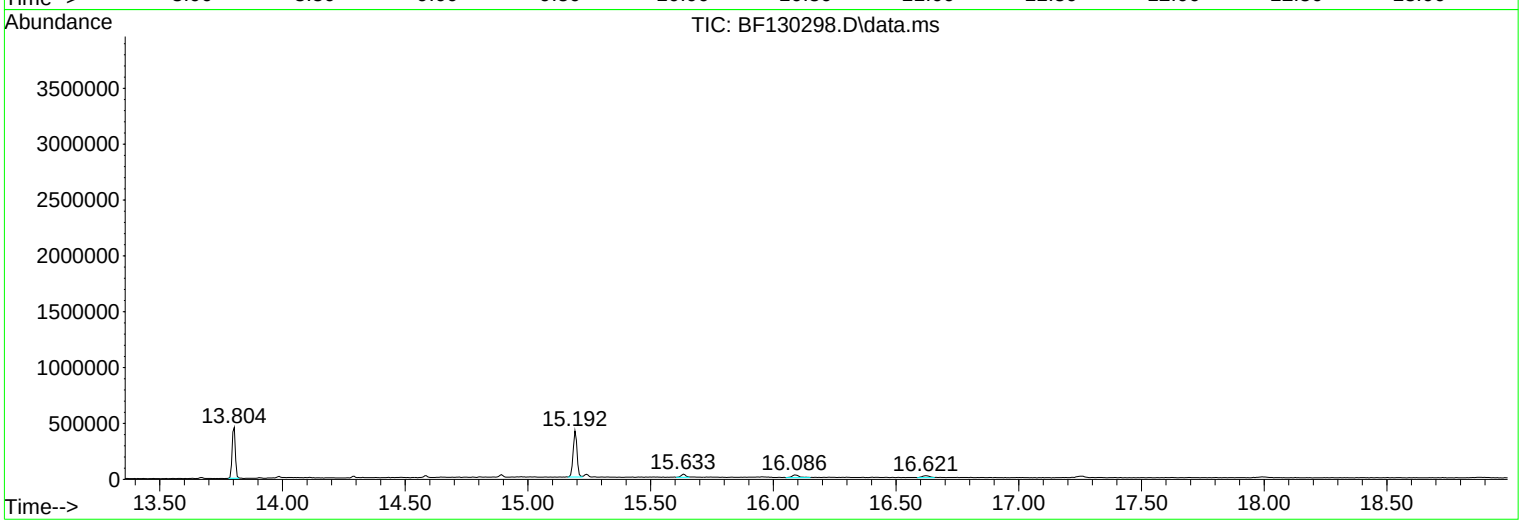
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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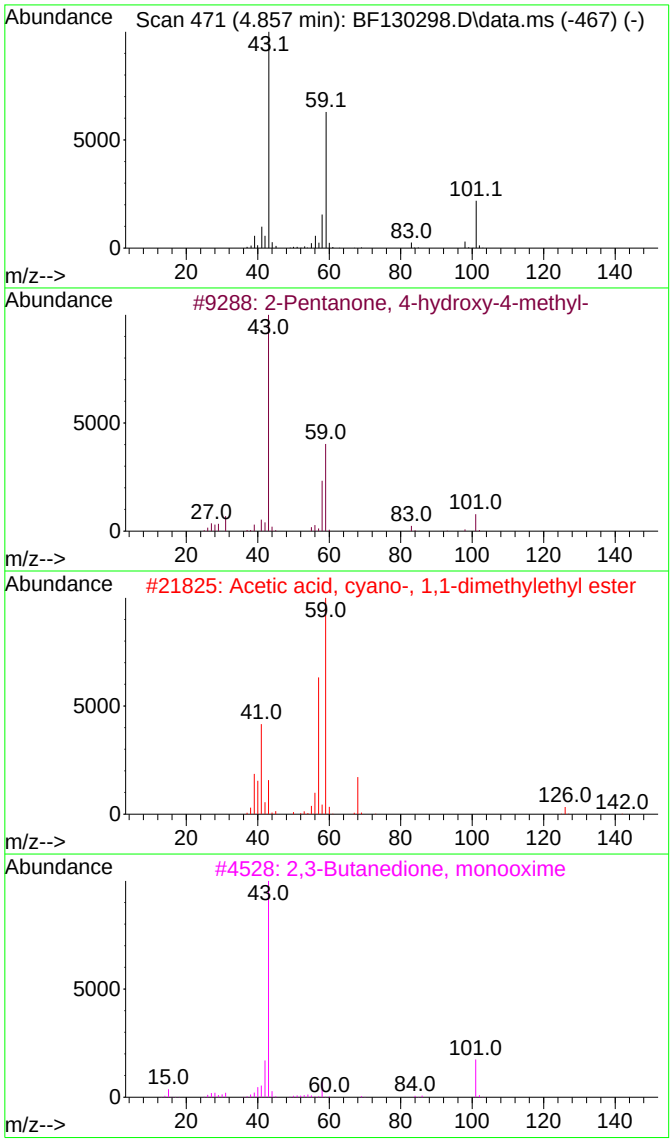
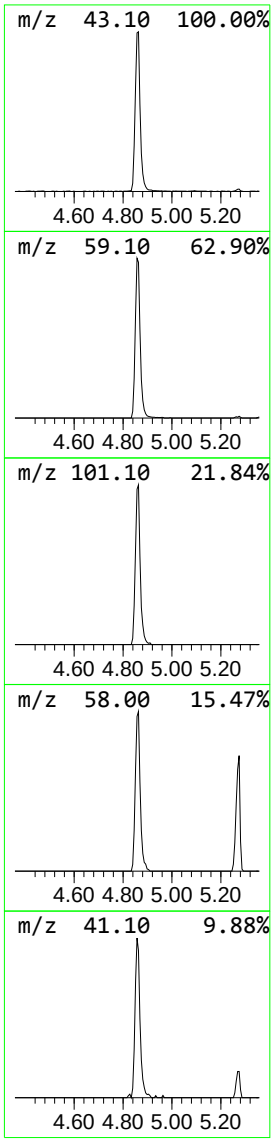
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.857	17.08 ng	469010	1,4-Dichlorobenzene-d4	6.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetamide, N-(cyanomethyl)-	98	C4H6N2O	004814-80-6	9





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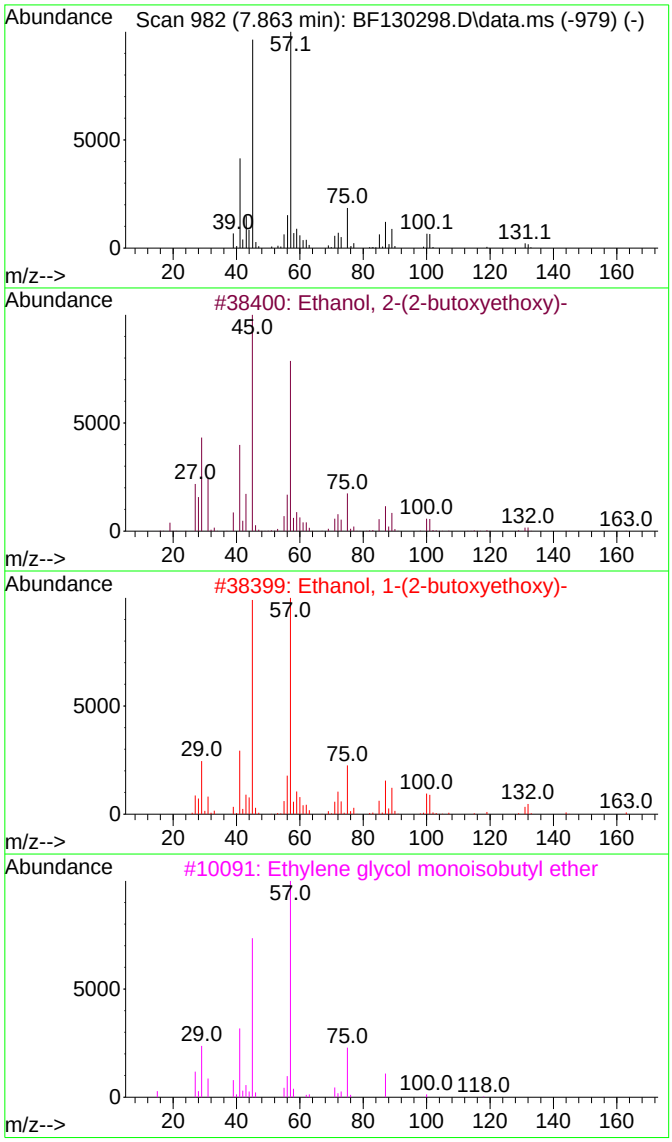
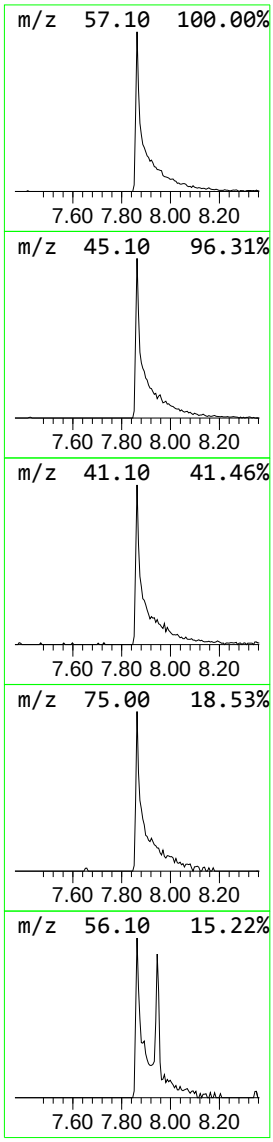
****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.863	8.47 ng	317312	Naphthalene-d8	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	59





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Instrument :
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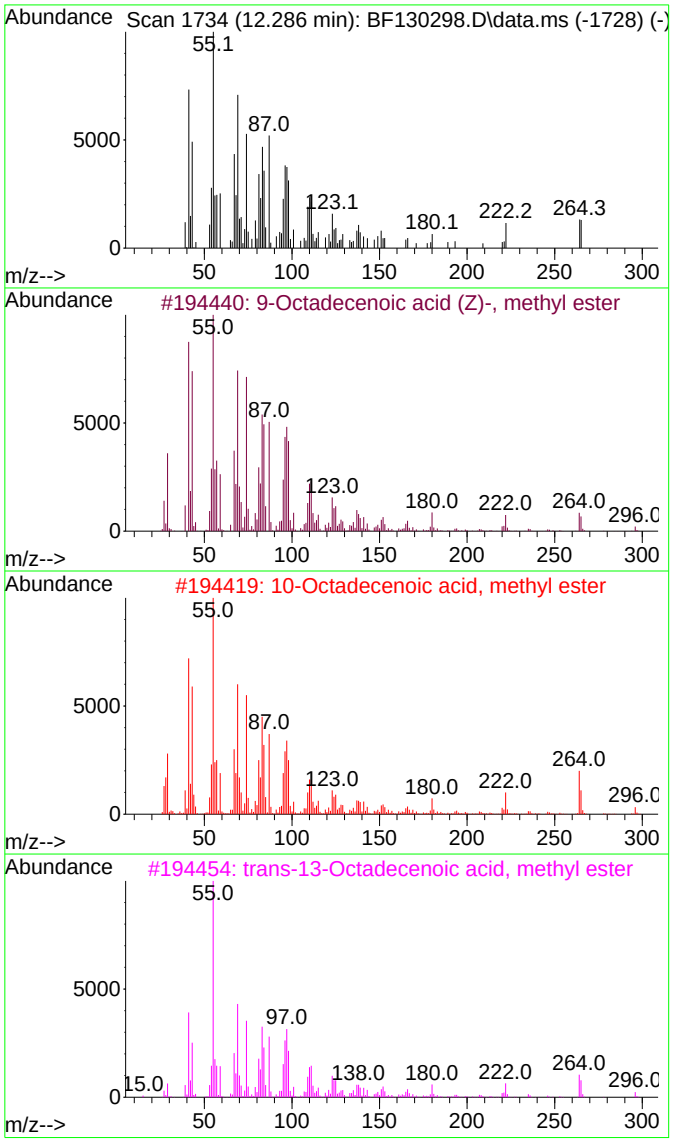
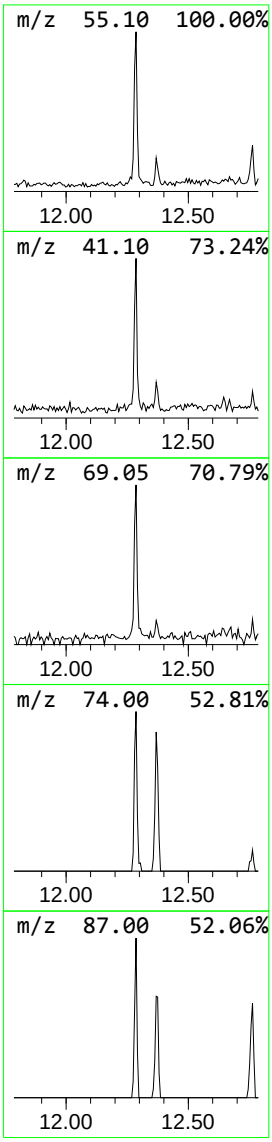
****
Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	2.00 ng	76339	Phenanthrene-d10	11.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
3	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	87
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	87
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	83





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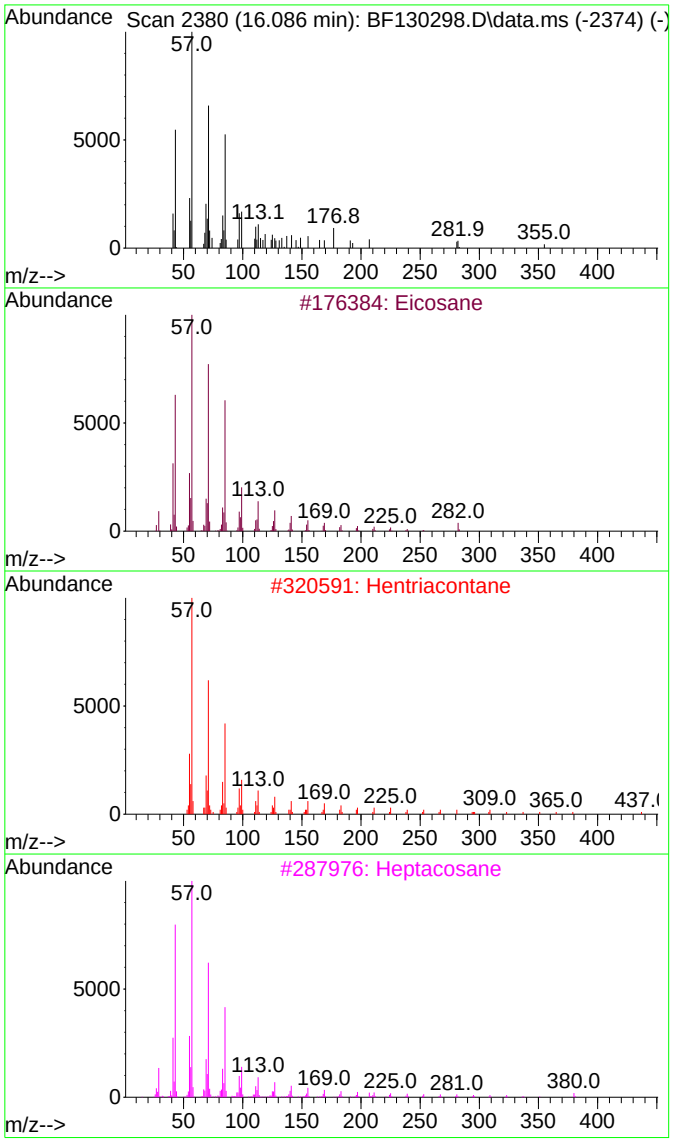
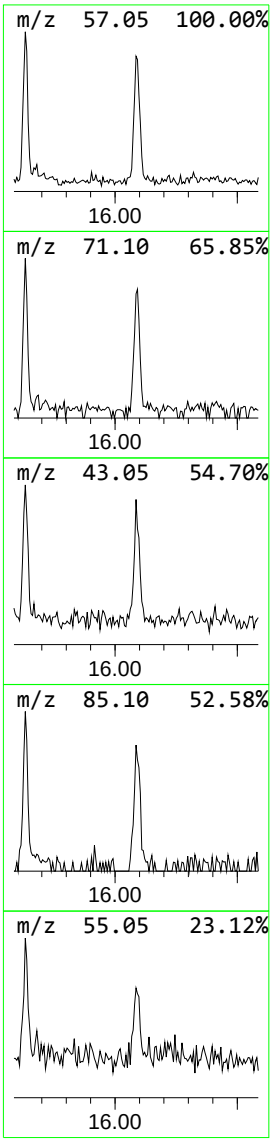
Peak Number 4 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.086	2.22 ng	50283	Perylene-d12	15.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86
5	Tetratetracontane	619	C44H90	007098-22-8	86





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.857	17.1	ng	469010	1	6.669	549098	20.0
Ethanol, 2-(2-b...	7.863	8.5	ng	317312	2	7.945	749188	20.0
9-Octadecenoic ...	12.286	2.0	ng	76339	4	11.174	762230	20.0
Eicosane	16.086	2.2	ng	50283	6	15.192	453877	20.0